

Amendments to the Specification:

Kindly amend the specification as indicated:

Kindly replace the Title of the Application with:

--LIGHT EMITTING SIGNALING APPARATUS--

Kindly replace the Abstract of the Disclosure, in its entirety, with the following rewritten Abstract.

-- A signaling apparatus including a substantially transparent panel, a light emitting element attached to a surface of the transparent panel, substantially transparent means for delivering power to the light emitting elements, and means for selectively controlling energization of the light emitting elements. The signaling apparatus being substantially transparent when the light emitting elements are not in an energized state. The light emitting elements might be LEDs, organic LEDs (OLEDs), electroluminescent displays. LCDs, or incandescent bulbs. The signaling apparatus is adapted to be mounted on a vehicle window for providing selectable patterns, variable rate flashing, changeable colors, textual or graphic messages, strobe lights, and other types of displays. Cooling channels or a cooling plenum may be provided to allow higher power (e.g., high intensity) operation.--

Kindly amend the paragraphs beginning at page 6, line 17 as indicated.

--FIGURE 1 is a schematic plan view of an embodiment of the signaling apparatus of the invention;

--FIGURE 2a is a schematic, cross-sectional view of a portion of the signaling apparatus of FIGURE 1;

--FIGURE 2b is a schematic, cross-sectional view of a portion of an alternate embodiment of a signaling apparatus of the invention;

--FIGURE 2c is a schematic, cross-sectional view of the signaling apparatus of FIGURE 2a having an added electrochromic layer;

--FIGURE 2d is a schematic, cross-sectional view of the alternate embodiment of a signaling apparatus of FIGURE 2b with an added electrochromic layer;

--FIGURE 3 is a diagrammatic, schematic view of a cooling system suitable for use with the signaling apparatus of FIGURES 2b and 2d;

--FIGURE 4a is a ~~pictorial, perspective, schematic view of a cooling system for use with side, elevational view~~ showing a first embodiment of a mounting arrangement of the signaling apparatus of FIGURE 1; and

--FIGURE 4b is a side, elevational showing a second embodiment of a mounting arrangement of the signaling apparatus of FIGURE 1;

--FIGURE 4b is a side, elevational showing a third embodiment of a mounting arrangement of the signaling apparatus of FIGURE 1; and

--FIGURE 5 is a schematic block diagram of a controller suitable for use with the signaling apparatus of the invention.--

Kindly amend the paragraph beginning at page 8, line 6 as indicated.

--Referring first to FIGURE 1, there is shown a schematic plan view of an EVSA 102 in accordance with the invention, shown mounted in a vehicle window 104. A plurality of light-emitting elements 106, shown schematically as circles, are disposed in a central region of EVSA 102. It will be recognized that, depending upon the usage of EVSA 102, the pattern of light-emitting elements 106 may vary. In some applications, light-emitting elements 106 may be disposed substantially in peripheral regions of EVSA 102. In other applications, the EVSA 102 may be capable of multi-line, full text messages, a fairly dense, uniform array of light-emitting elements 106 will be required. For applications wherein EVSA 102 will be required to display only a limited number of predetermined symbols, the array of light-emitting elements 106 may be smaller, sparse or both smaller and sparse. Consequently, the EVSA 102 of the present invention is not considered limited to any particular arrangement of light-emitting elements ~~108~~ 106 upon its face, but rather is seen to encompass all possible arrangements of light-emitting elements 106.--

Kindly amend the paragraph beginning at page 9, line 20 as indicated.

--EVSA 102, as depicted in FIGURE 1, has a border between the edges thereof and a frame region 110 of window 104. While EVSA 102 may be sized and positioned as shown, more likely EVSA 102 will extend substantially completely to the edge (i.e., to a point adjacent the frame region 110) ~~110~~ of window 104. For permanent attachment, a double back tape, not shown, or similar adhesive system may be used to secure EVSA 102 to window 104. Other fastening methods, not shown, such as brackets mounting the EVSA 102 to a rear deck of a vehicle, bracket mounting EVSA 102 to the ceiling of a vehicle, etc., none of which are shown, may also be used and will be described in more detail hereinbelow.--

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Amendment dated December 5, 2005
Reply to Office Action of October 20, 2005

Kindly amend the paragraph beginning at page 11, line 20 as indicated.

--Referring now also to FIGURE 2b, there is shown a schematic, edge, cross-sectional view of an alternate embodiment of the EVSA 102 of FIGURE 1, generally at reference number 140. In addition to substrate 122, a second, substantially transparent substrate 142 is disposed in a spaced-apart relationship to first substrate 122. Spacers 146 are used to maintain a predetermined spaced apart relationship, and/or secure substrates 122, 142 to one another. The space 144 between substrates 122, 142 forms a plenum through which cooling air, not shown, may be circulated. By applying cooling air directly to light-emitting elements 106, the light-emitting elements 106 may be operated reliably at a higher intensity than were they not cooled. Air may be supplied by a fan or blower 160 (FIGURE 3) at ambient temperature. For more extreme operation (i.e., higher intensity), chilled air may also be supplied. Either compressor-based, traditional refrigeration, or electrical cooling using ~~Pelletier~~ Peltier devices, not shown, or the like may be used.--